

FIG. 1A

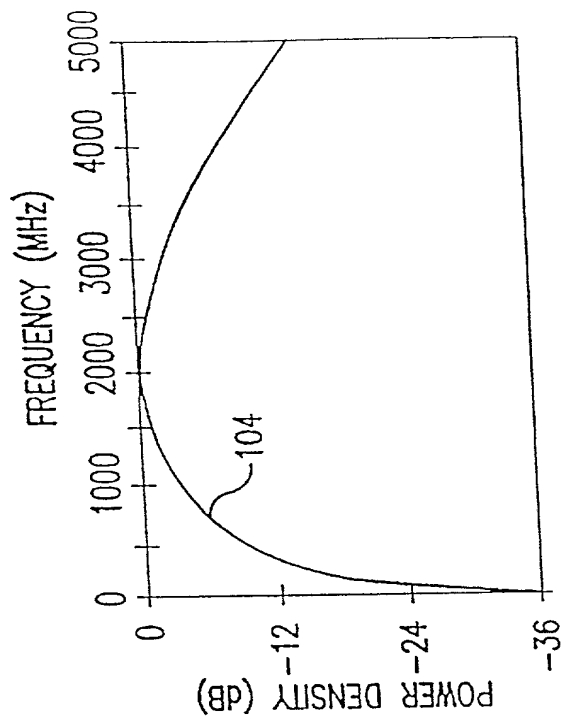


FIG. 1B

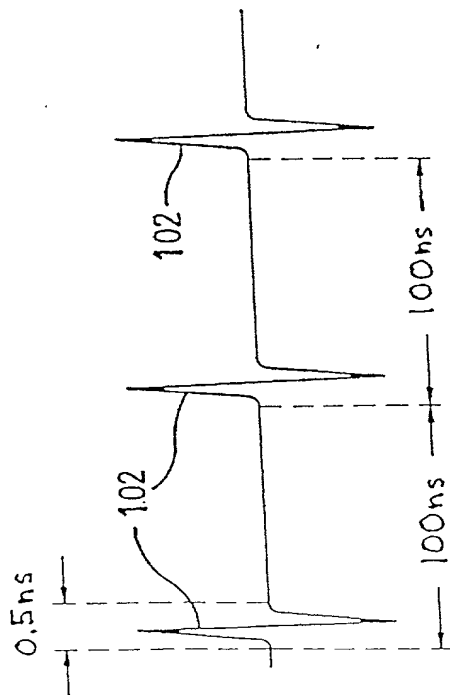


FIG.2A

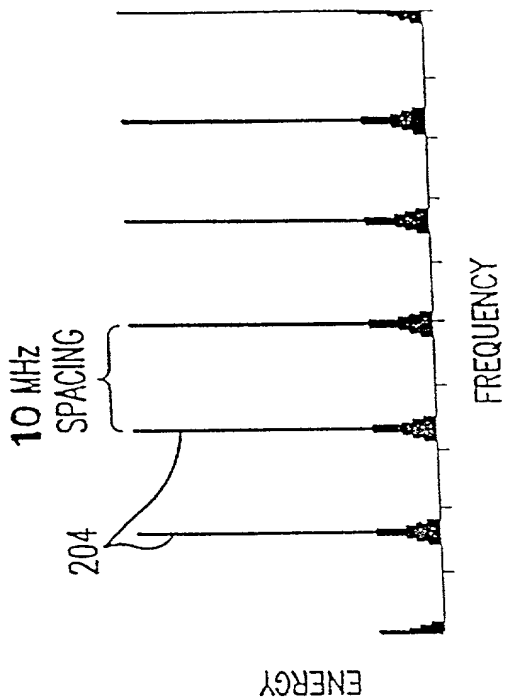


FIG.2B

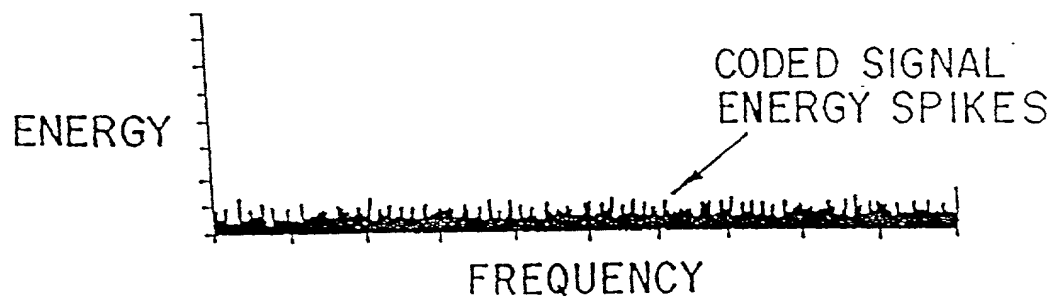


FIG. 3

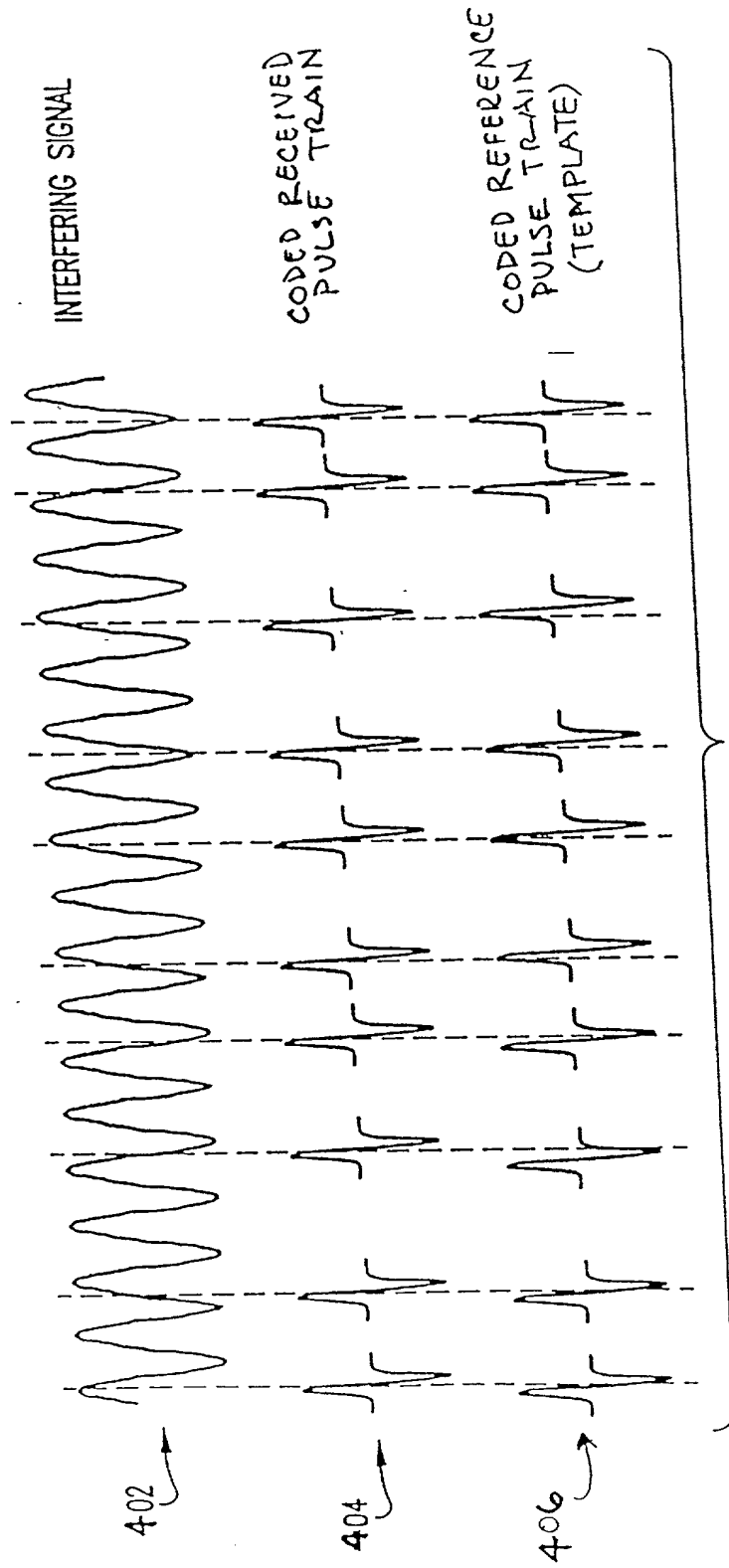


FIG. 4

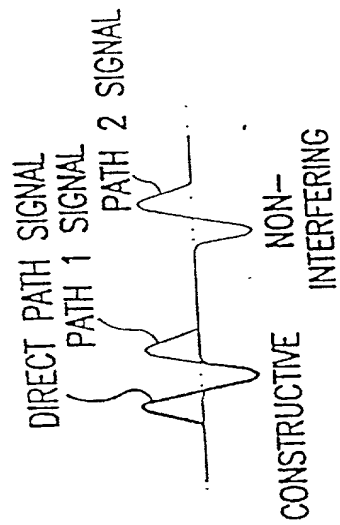


FIG.5B

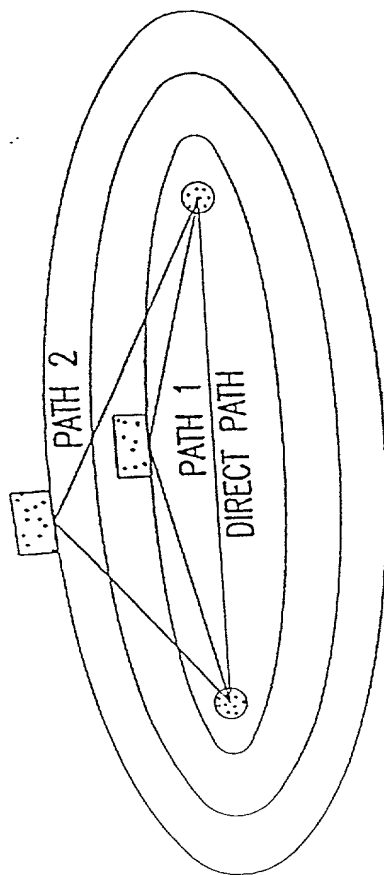


FIG.5A

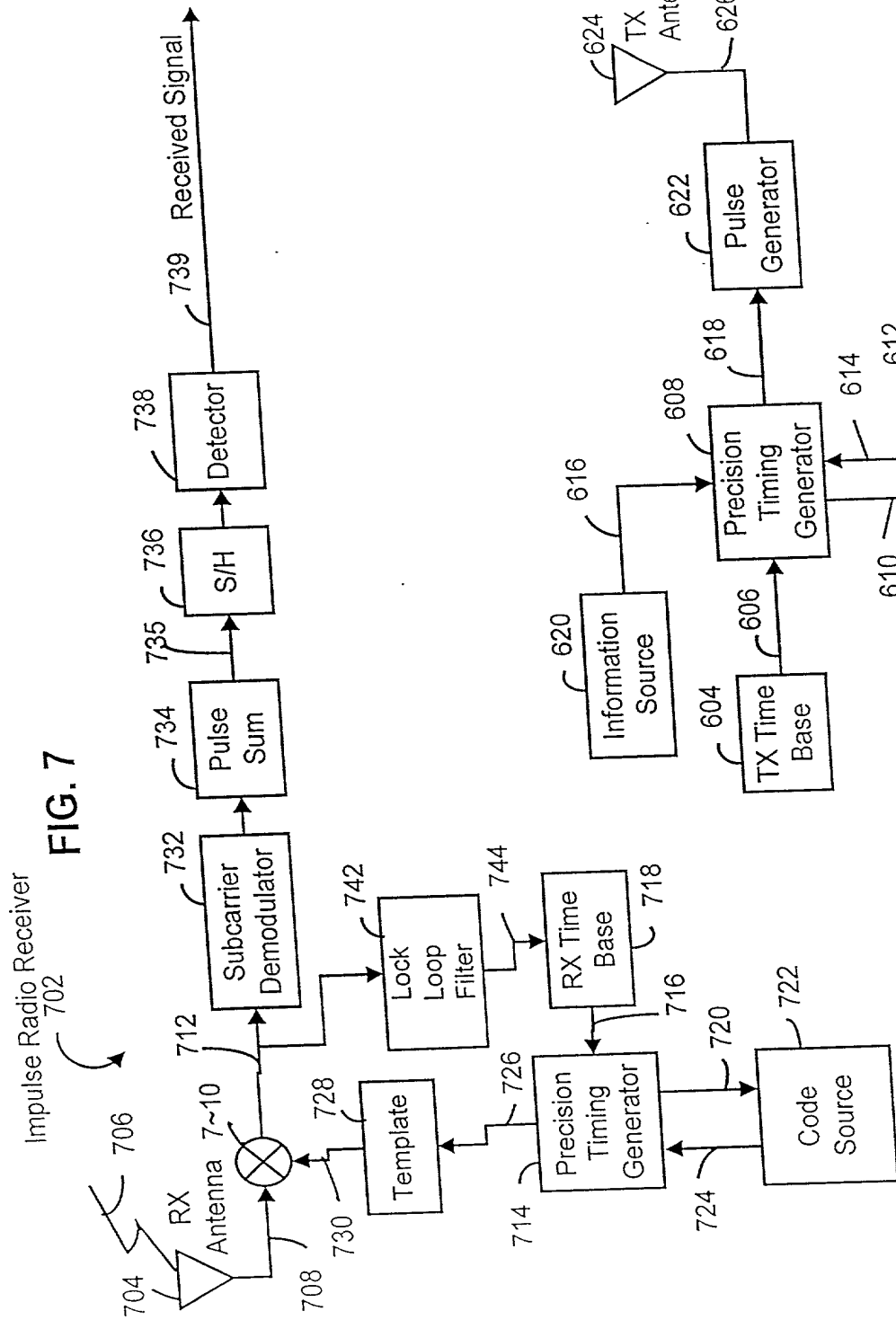


FIG. 6

Impulse Radio Transmitter

FIG. 8 is a block diagram of a transmitter system without coding.

802

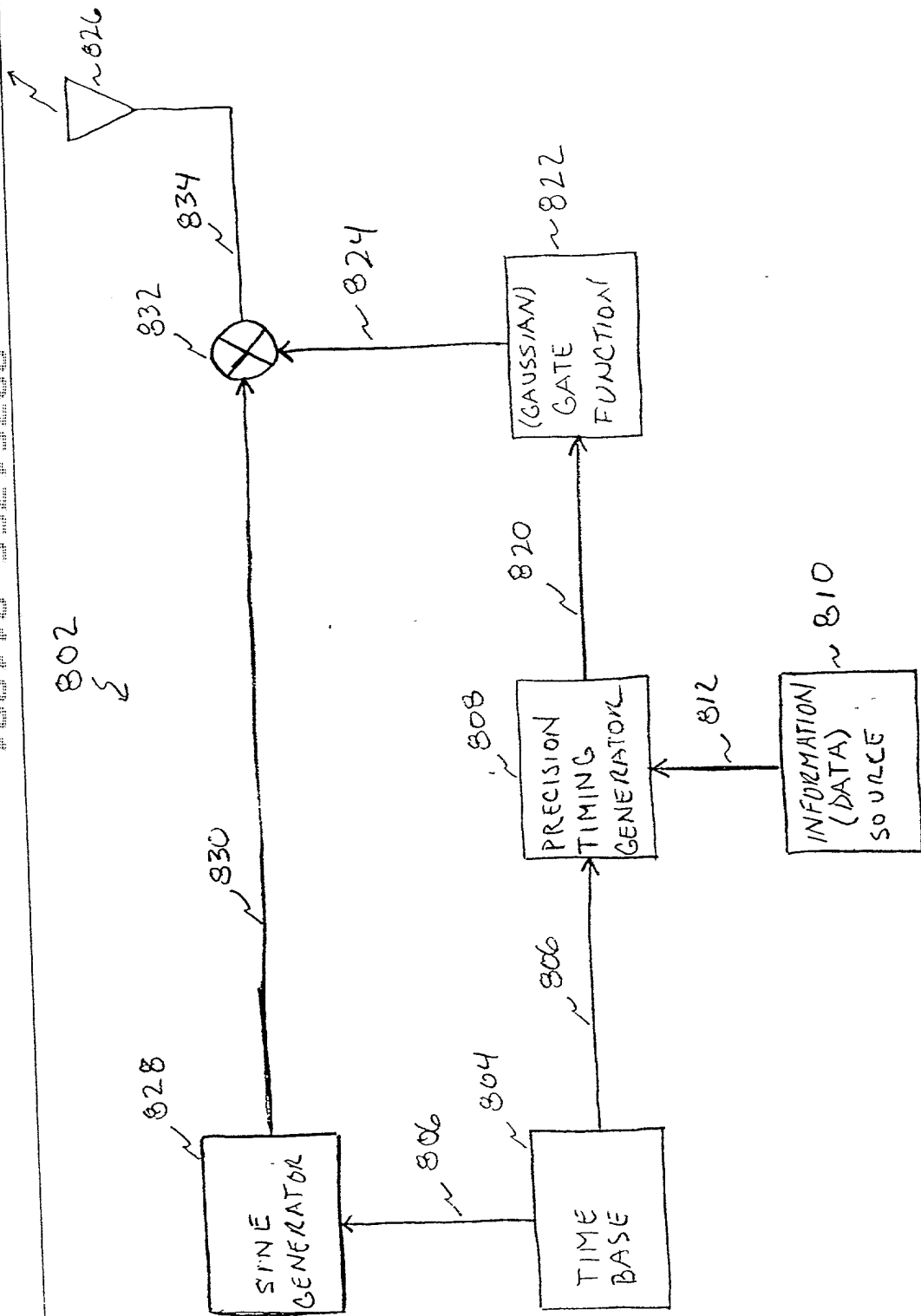
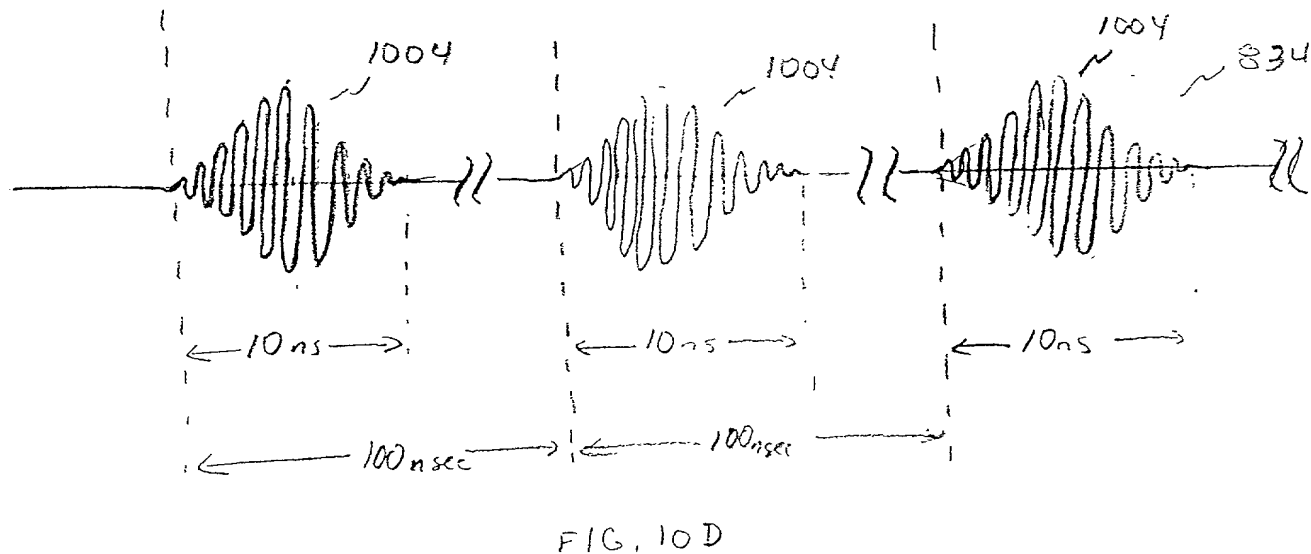
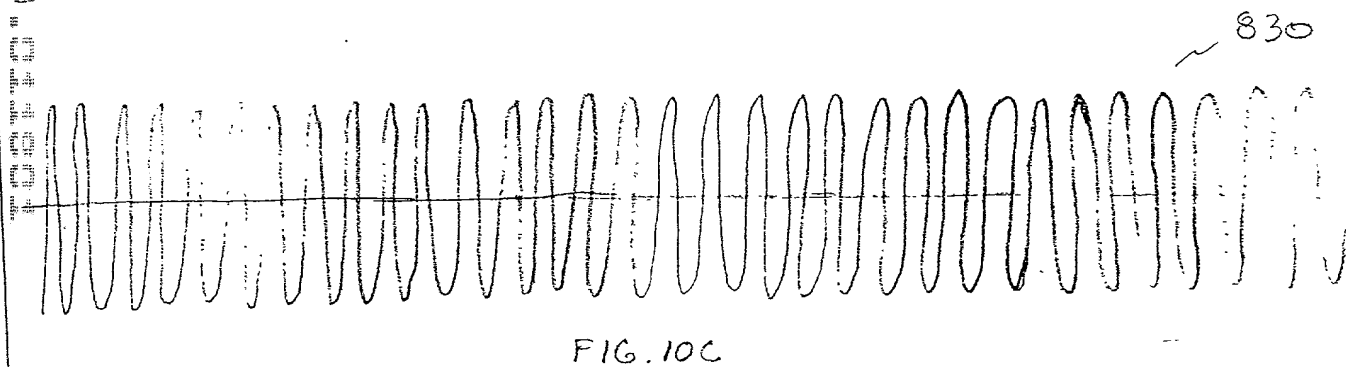
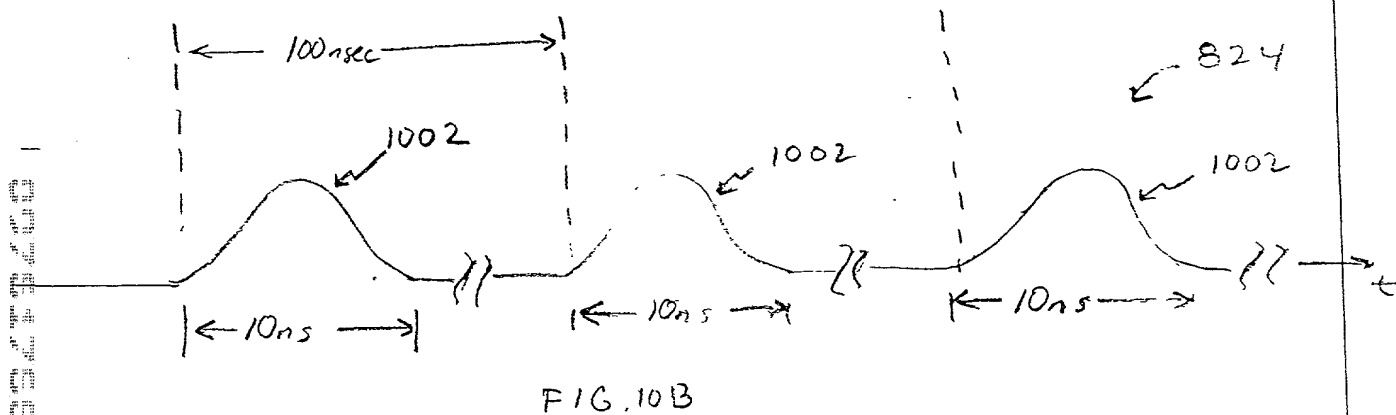
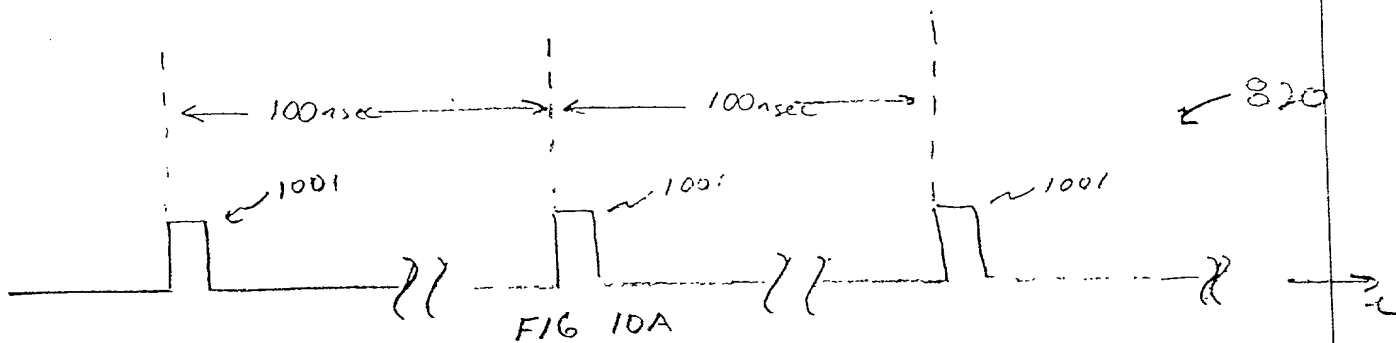


FIG 8

MWB TRANSMITTER WITHOUT CODING



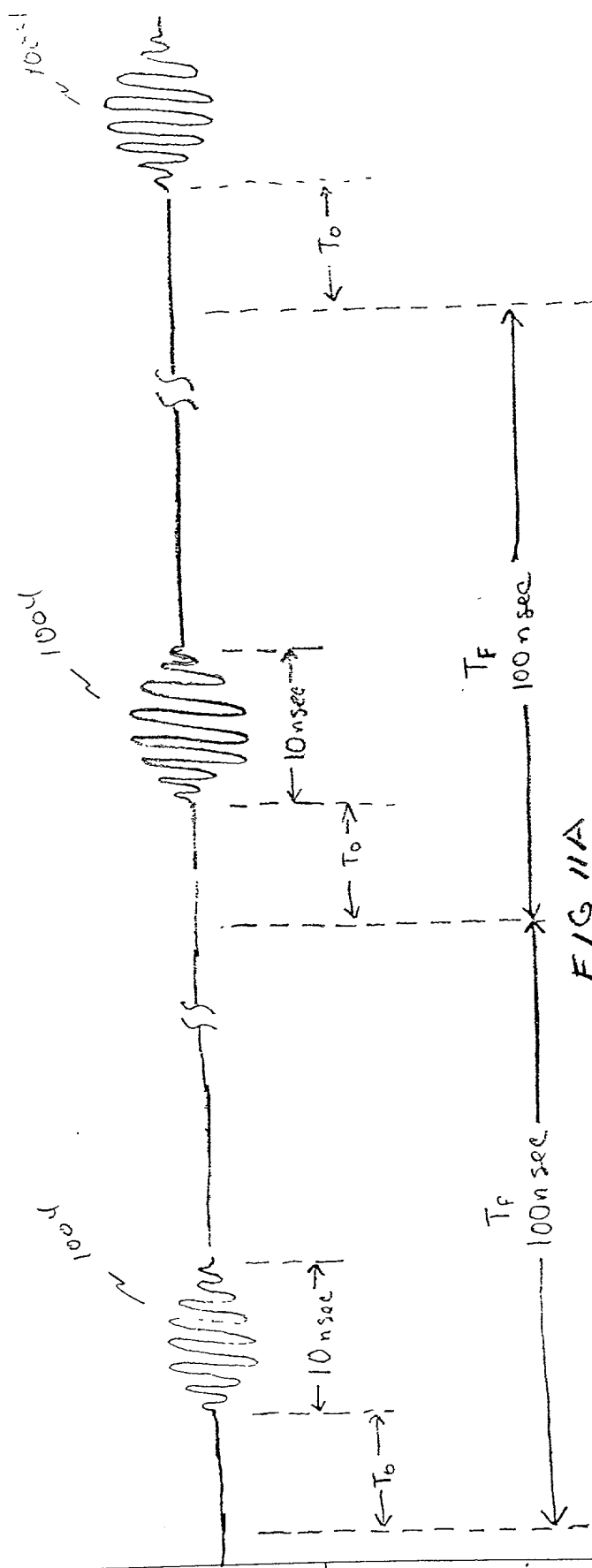


FIG 11A

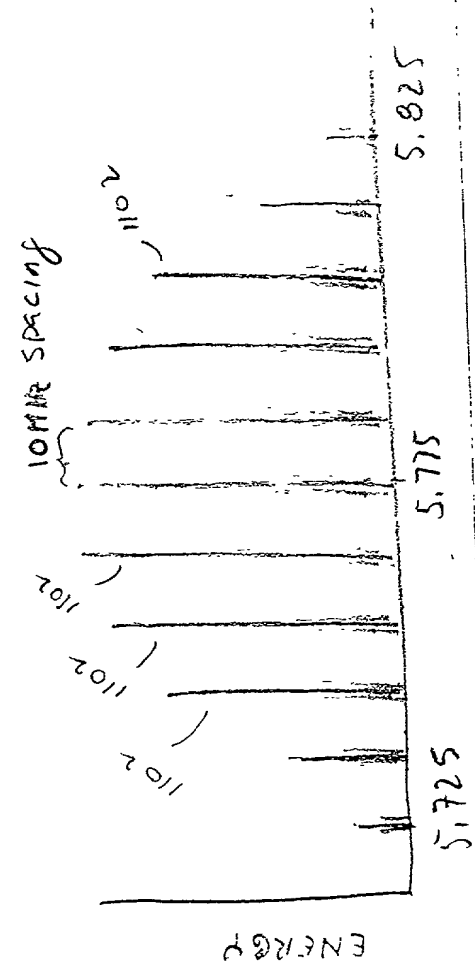


FIG 11B

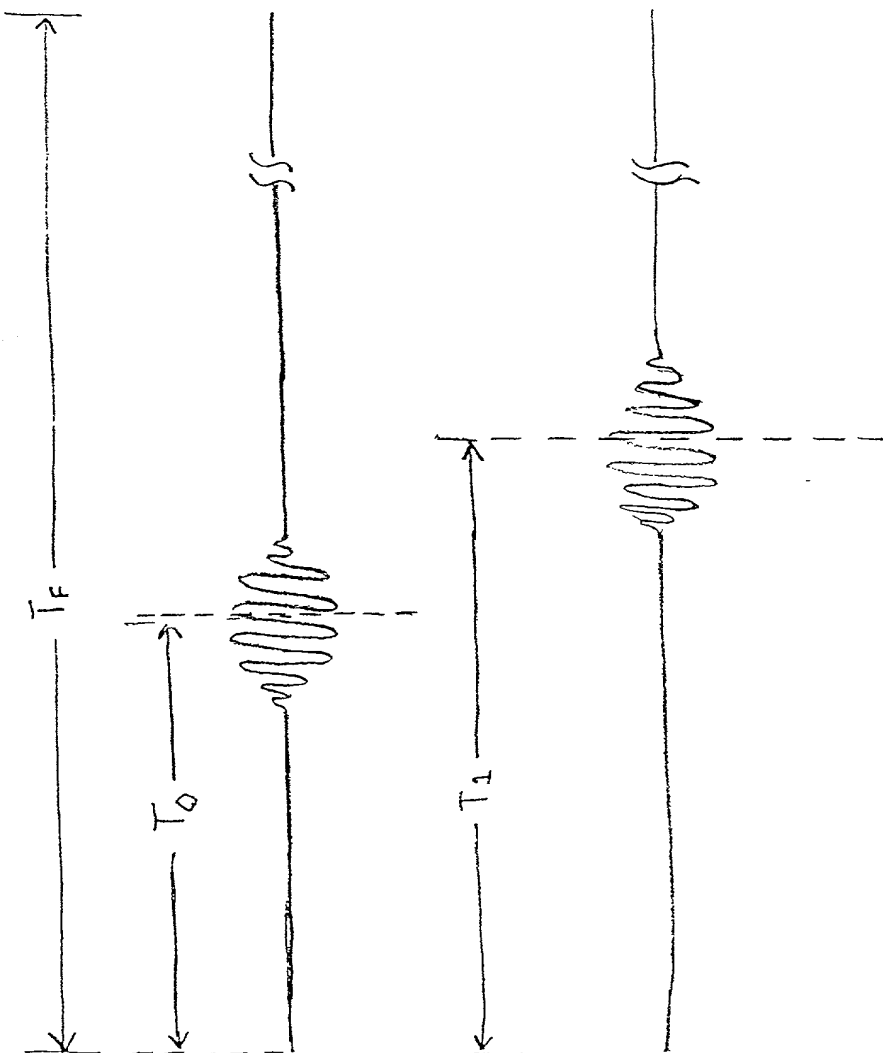
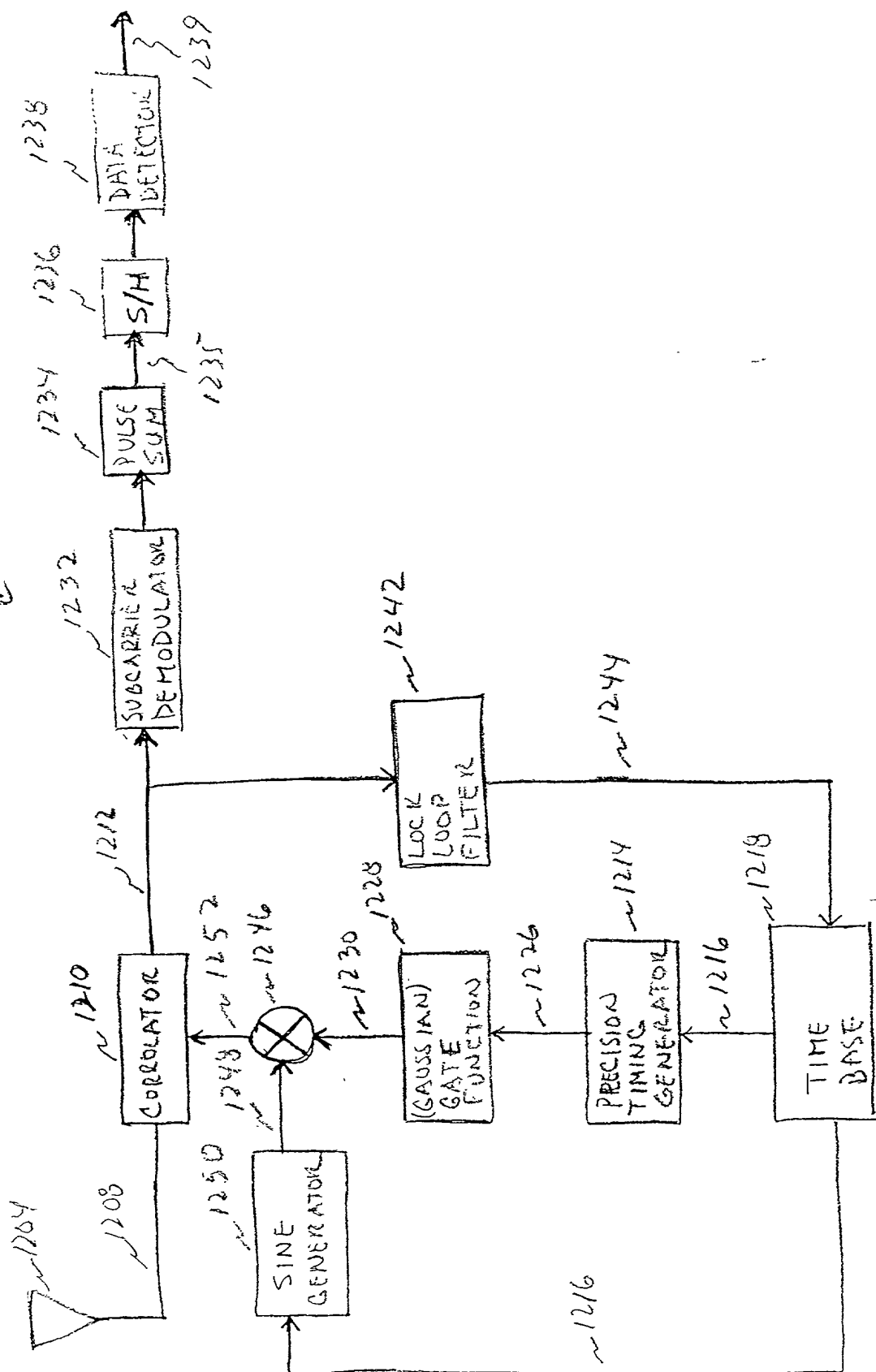


Fig. 11C



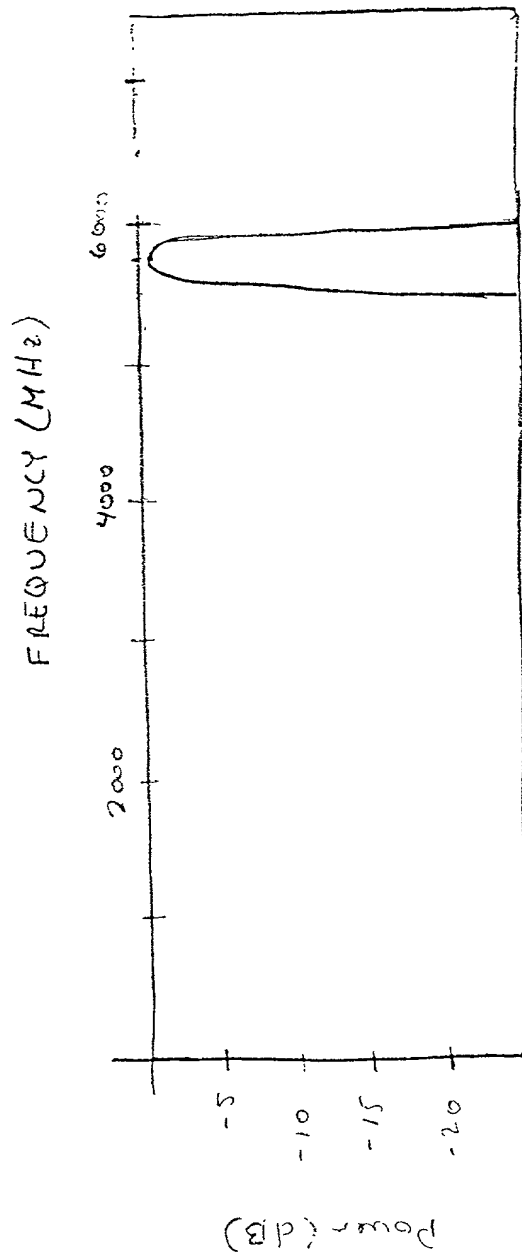


FIG 13

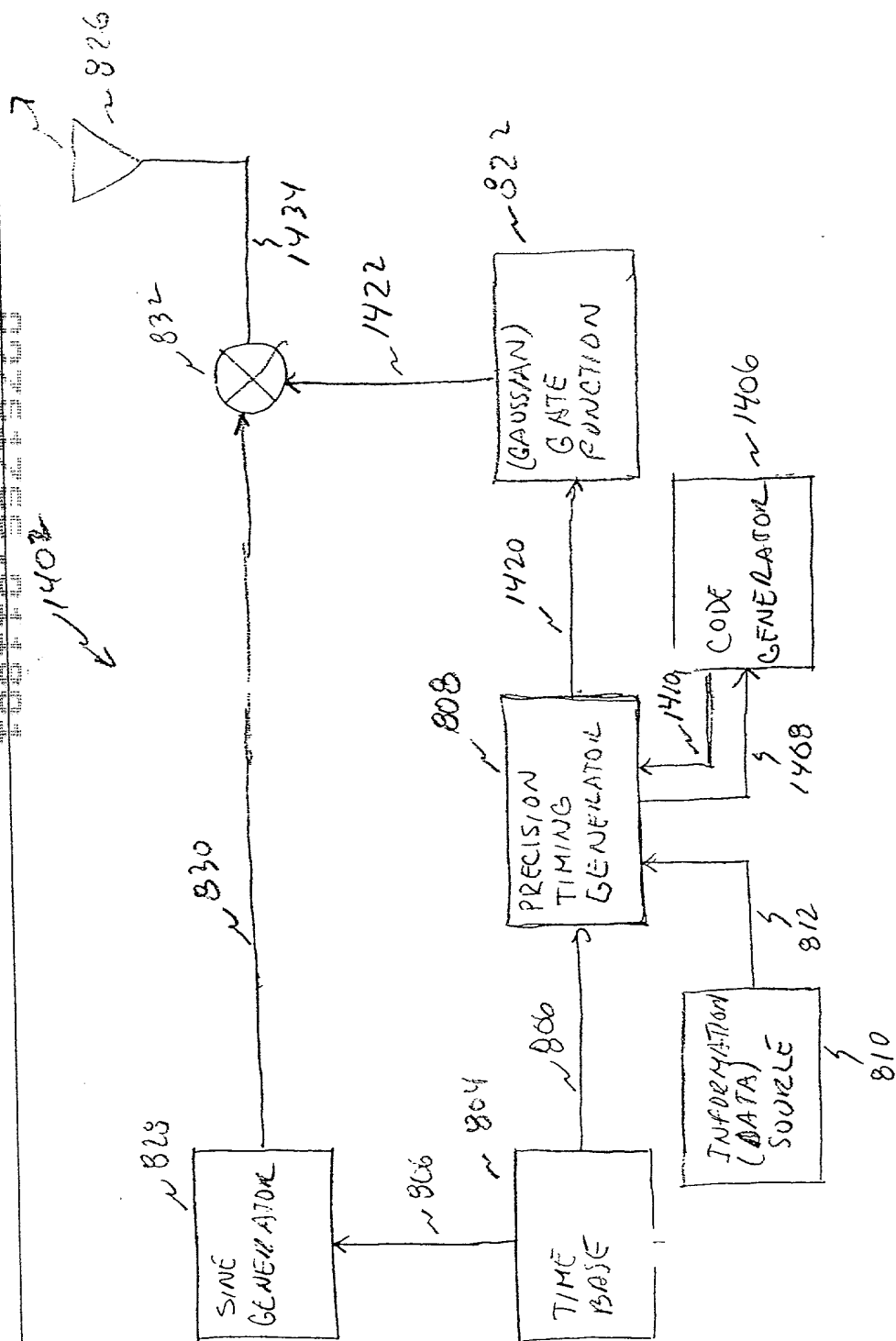


FIG. 14

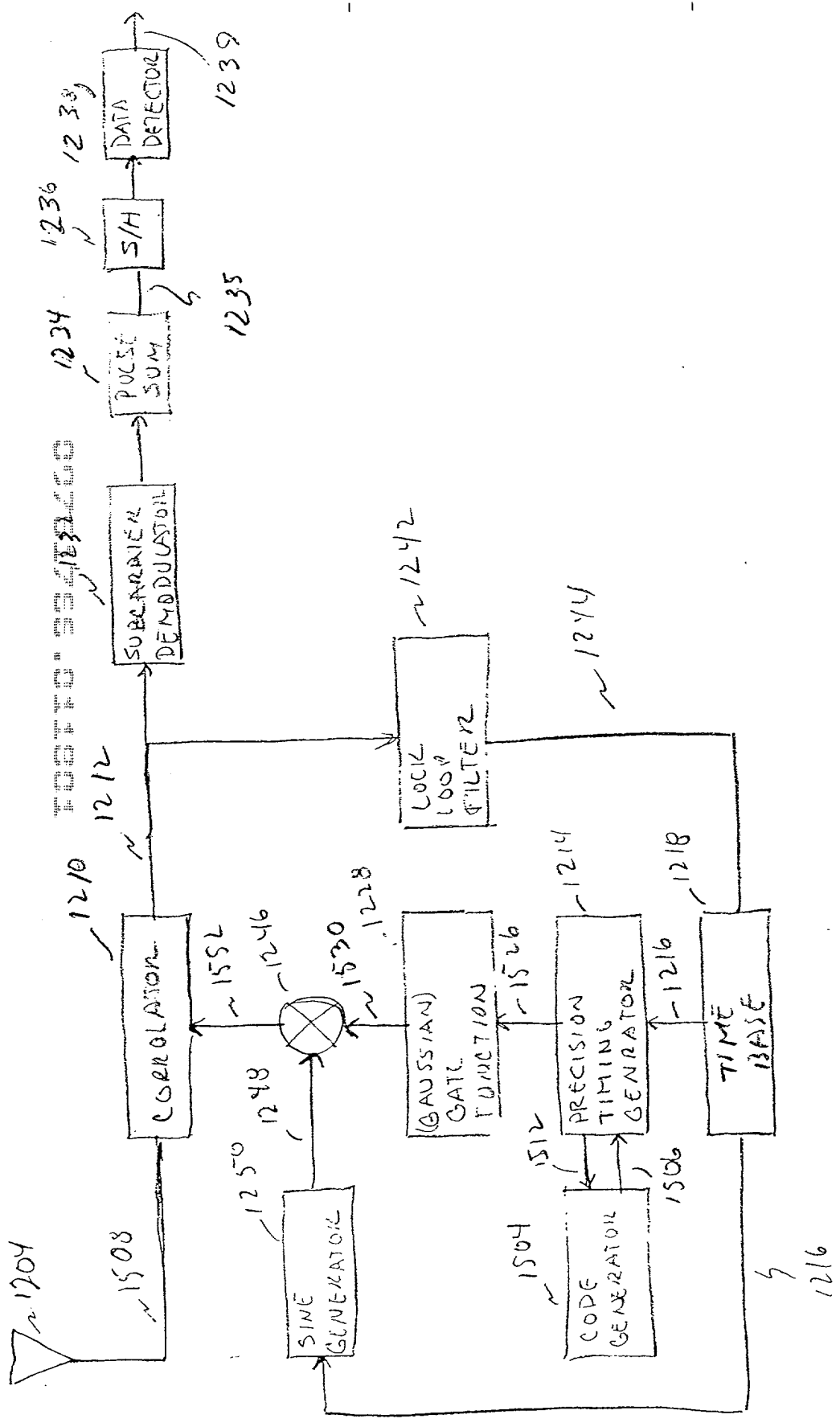


FIG. 15

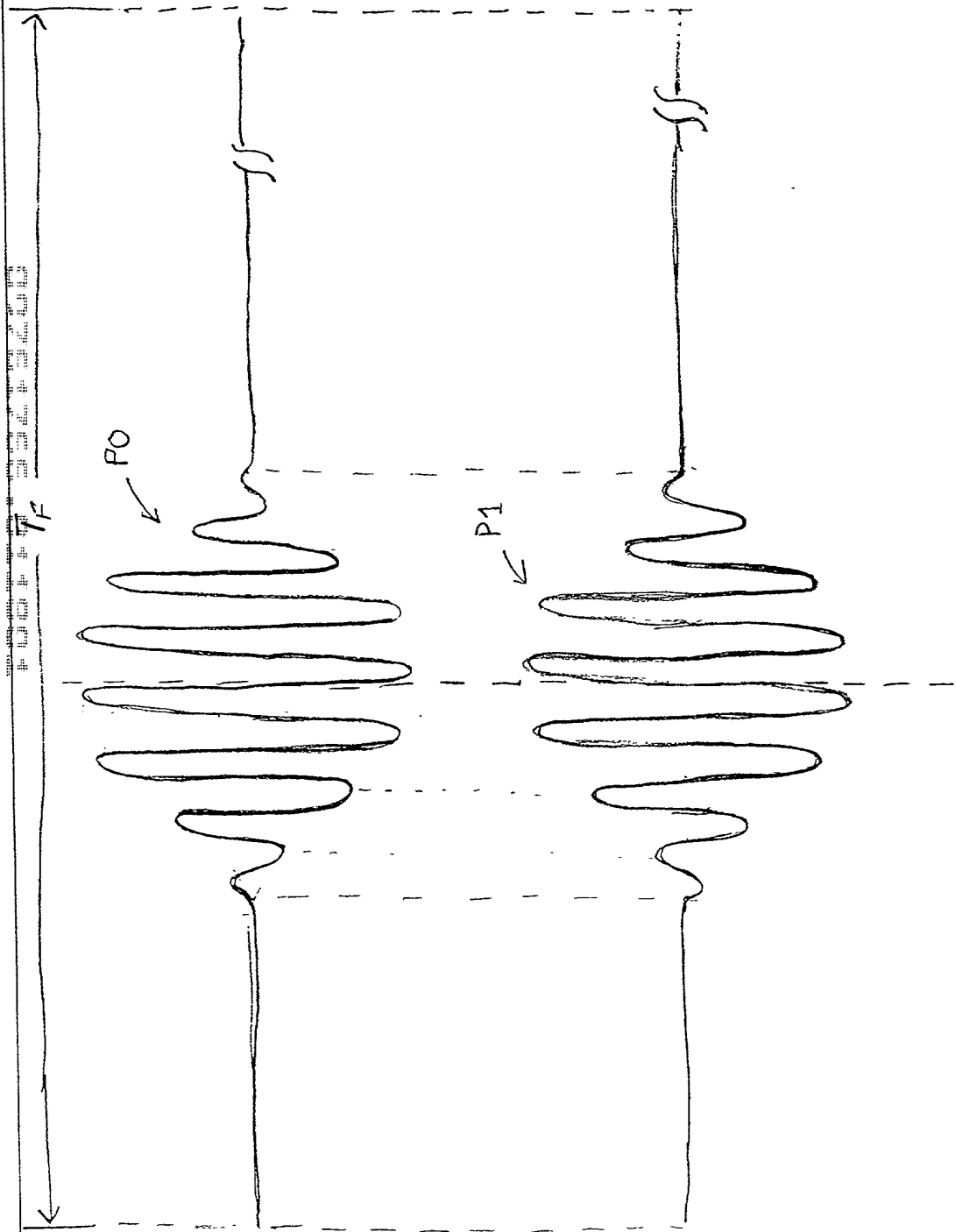


FIG. 17

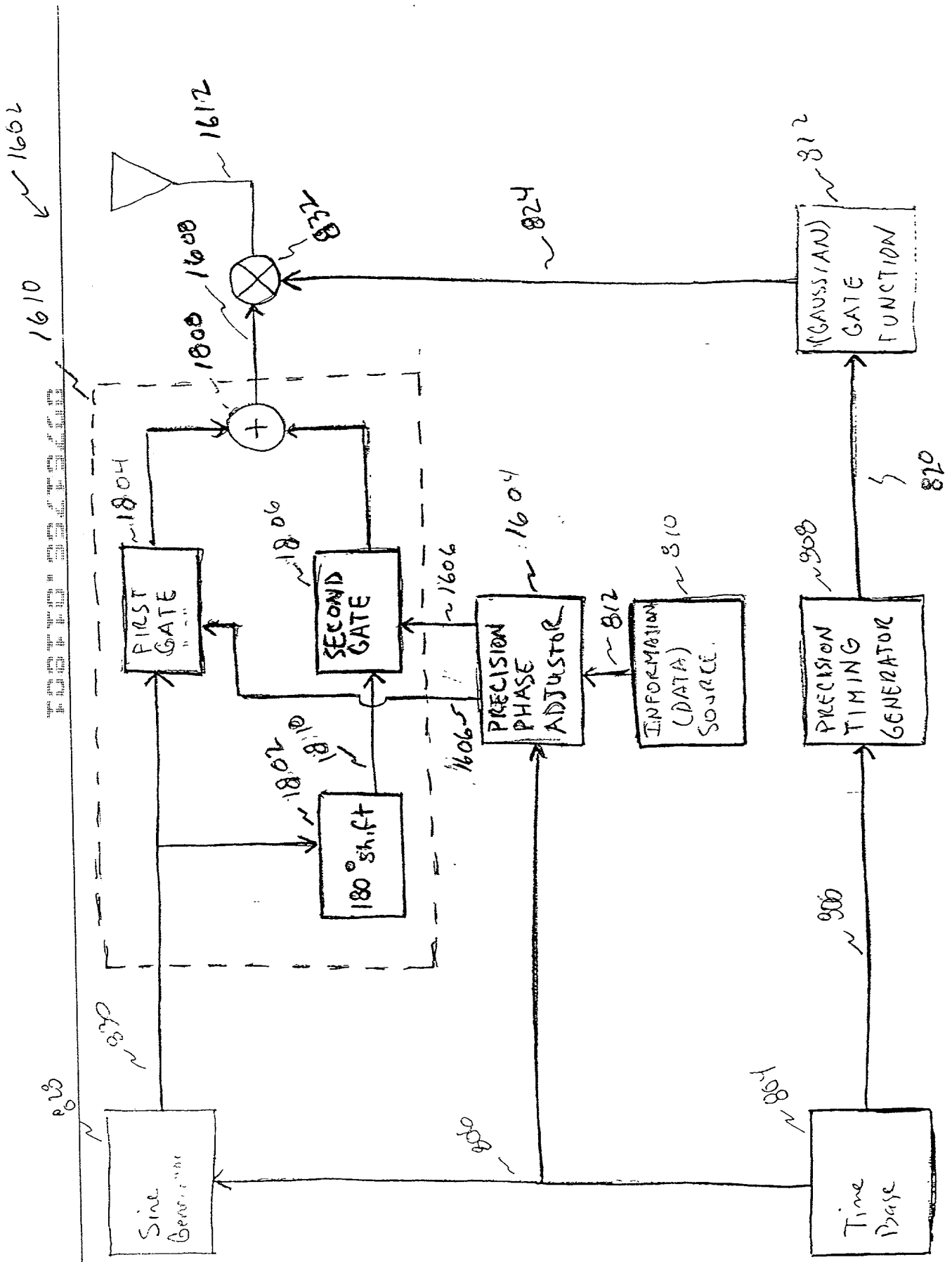
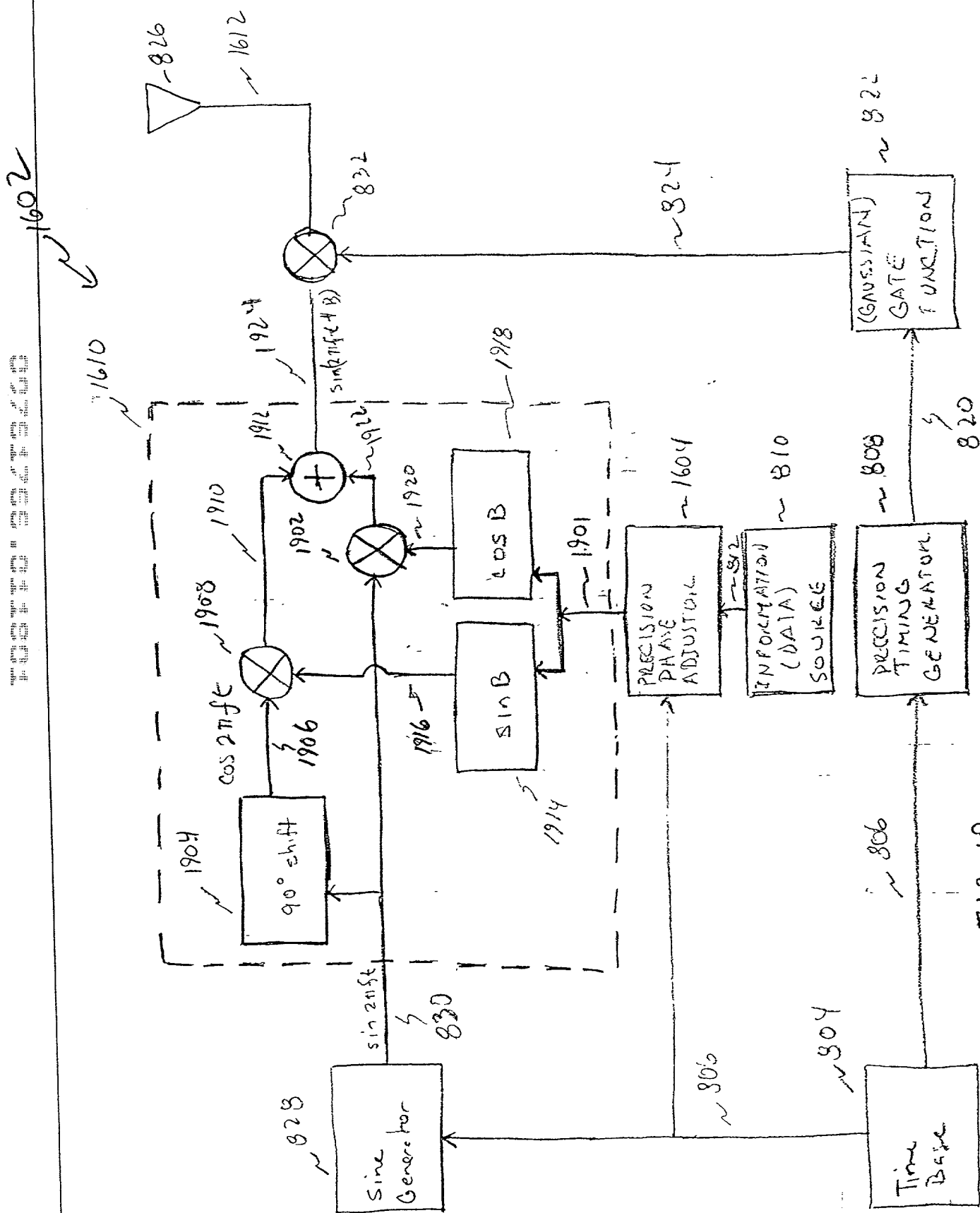


FIG 18



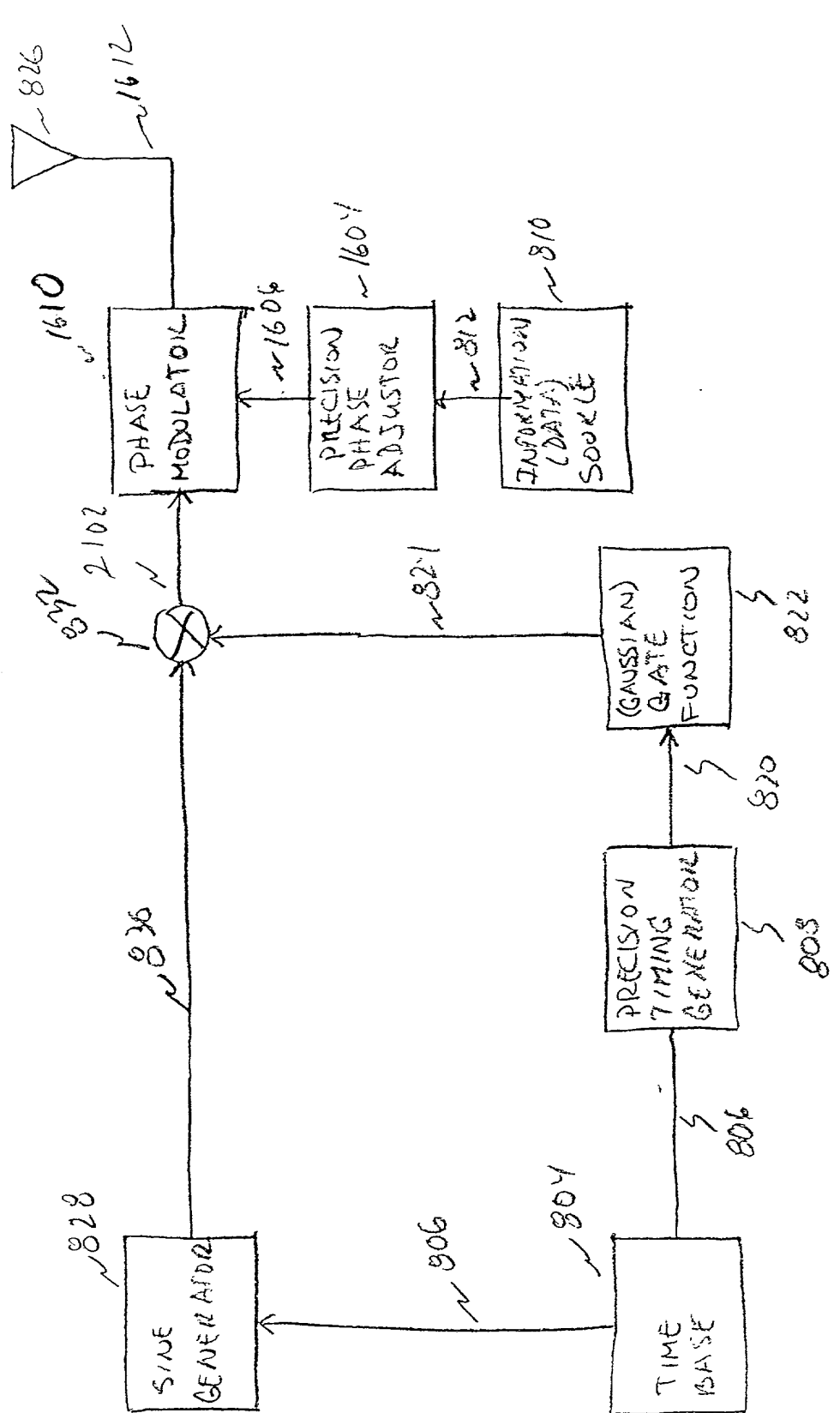


FIG 21

FIG. 22

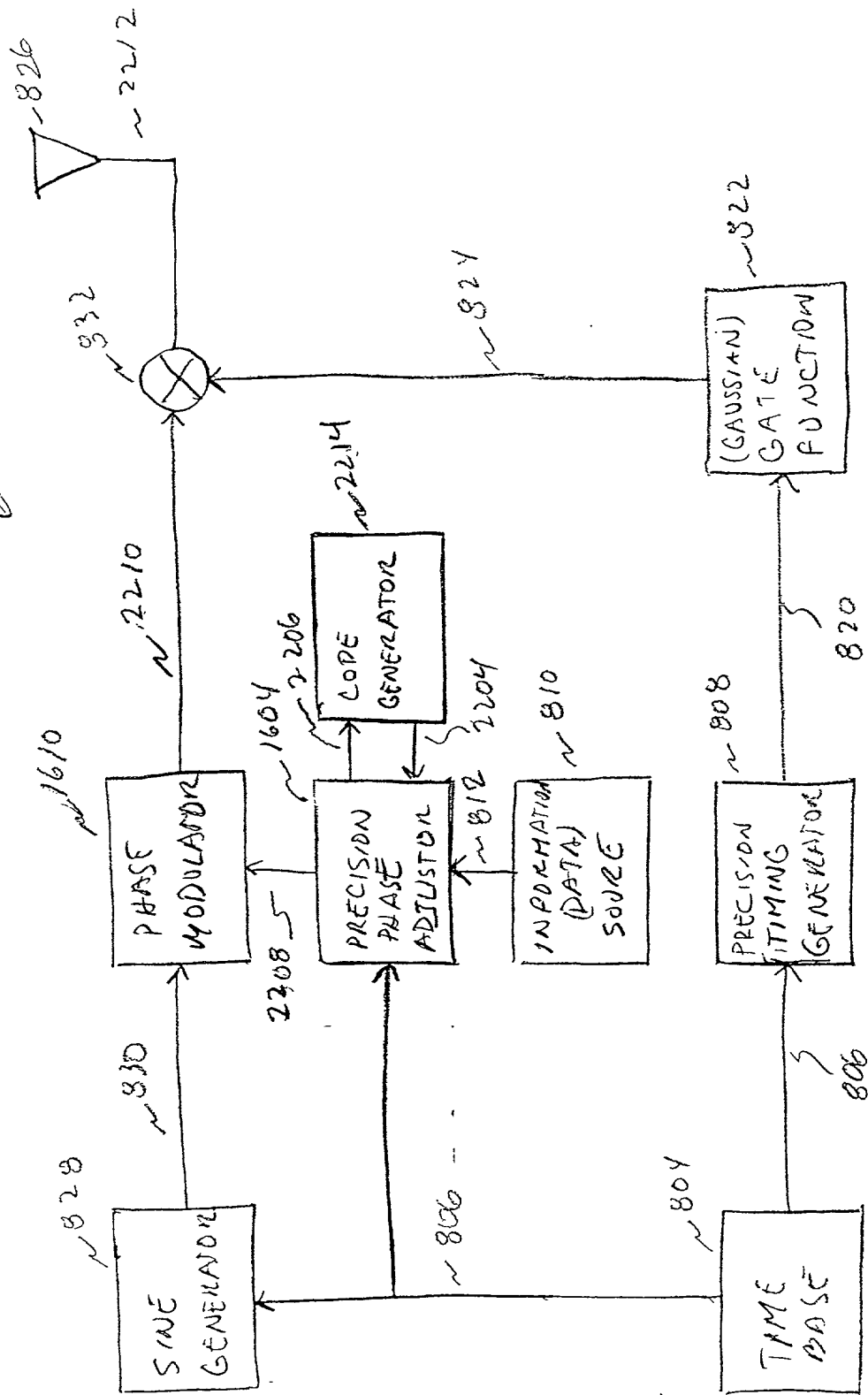


FIG. 22

copy sent to the appropriate agency for their review and comment.

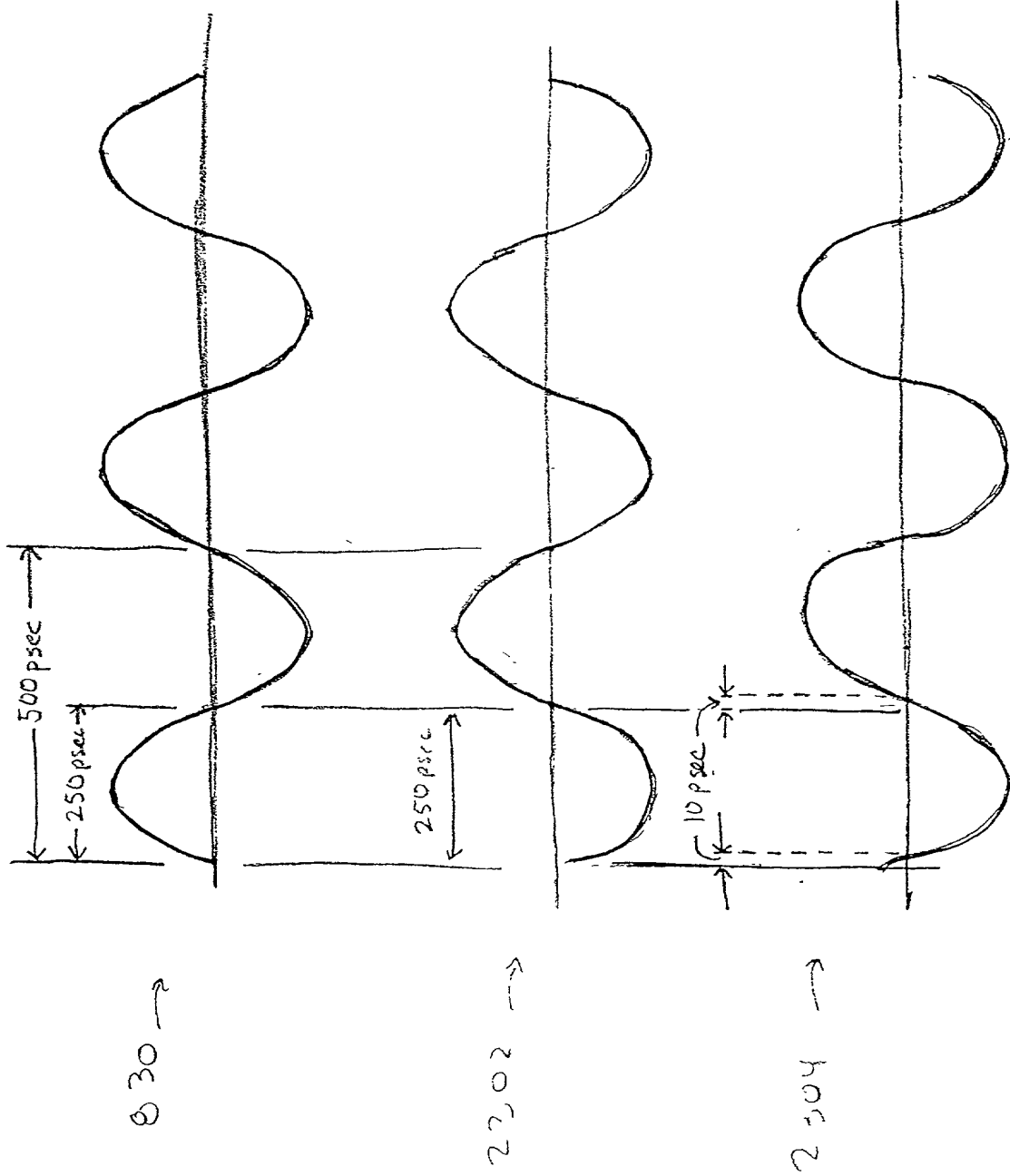
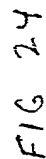


FIG 23

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42 392 200 MICROSECOND

42 392 200 MICROSECOND

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FIG. 25 is a block diagram of a system for generating a signal with a Gaussian gate function.

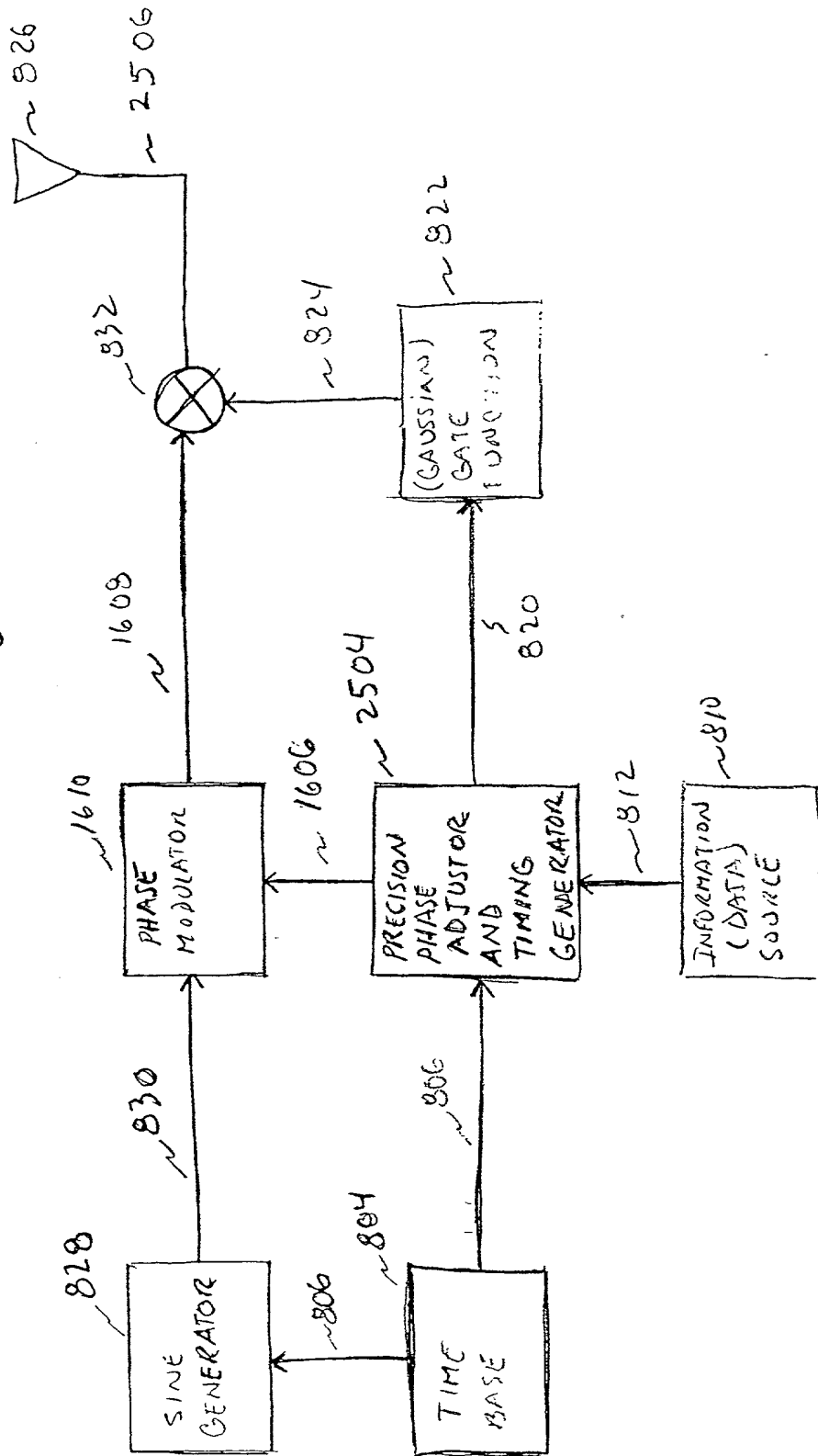
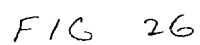


FIG 25



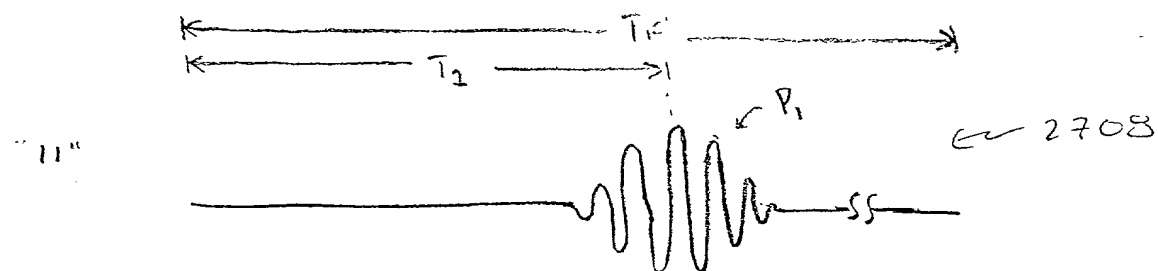
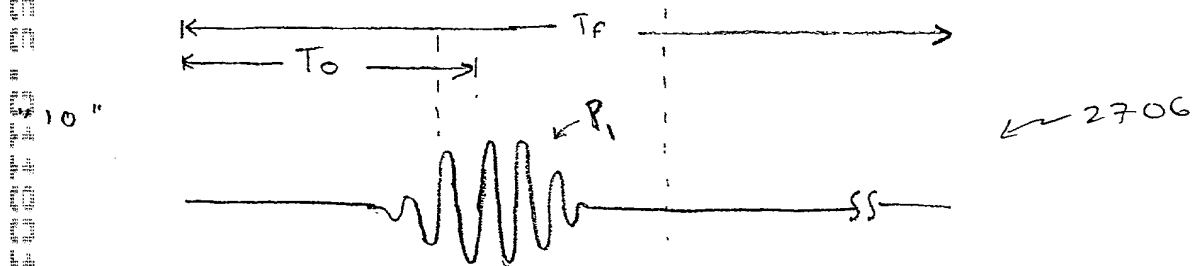
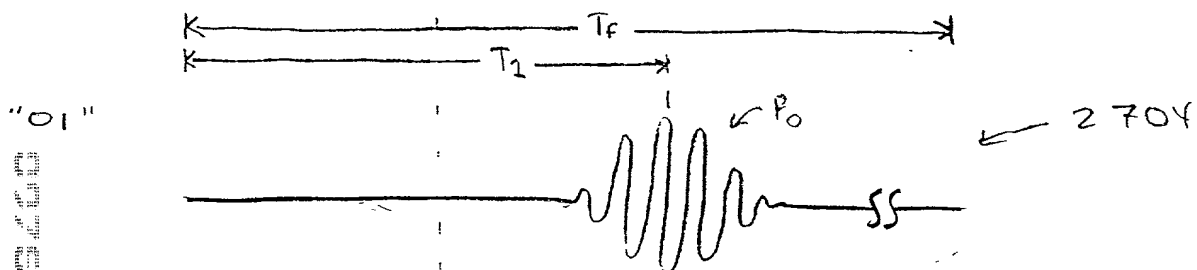
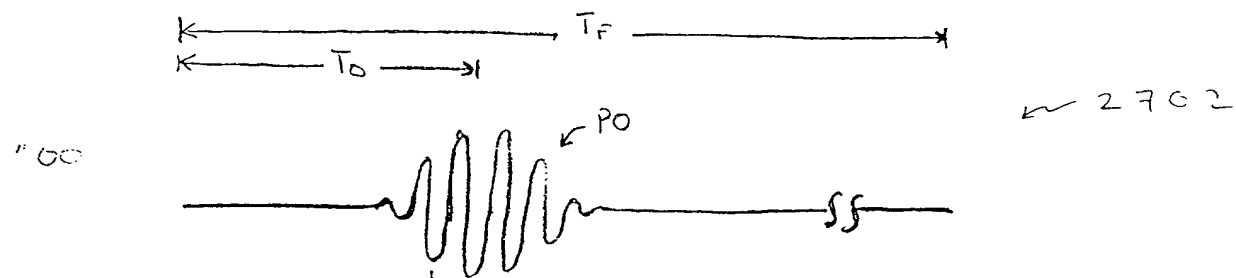


FIG 27

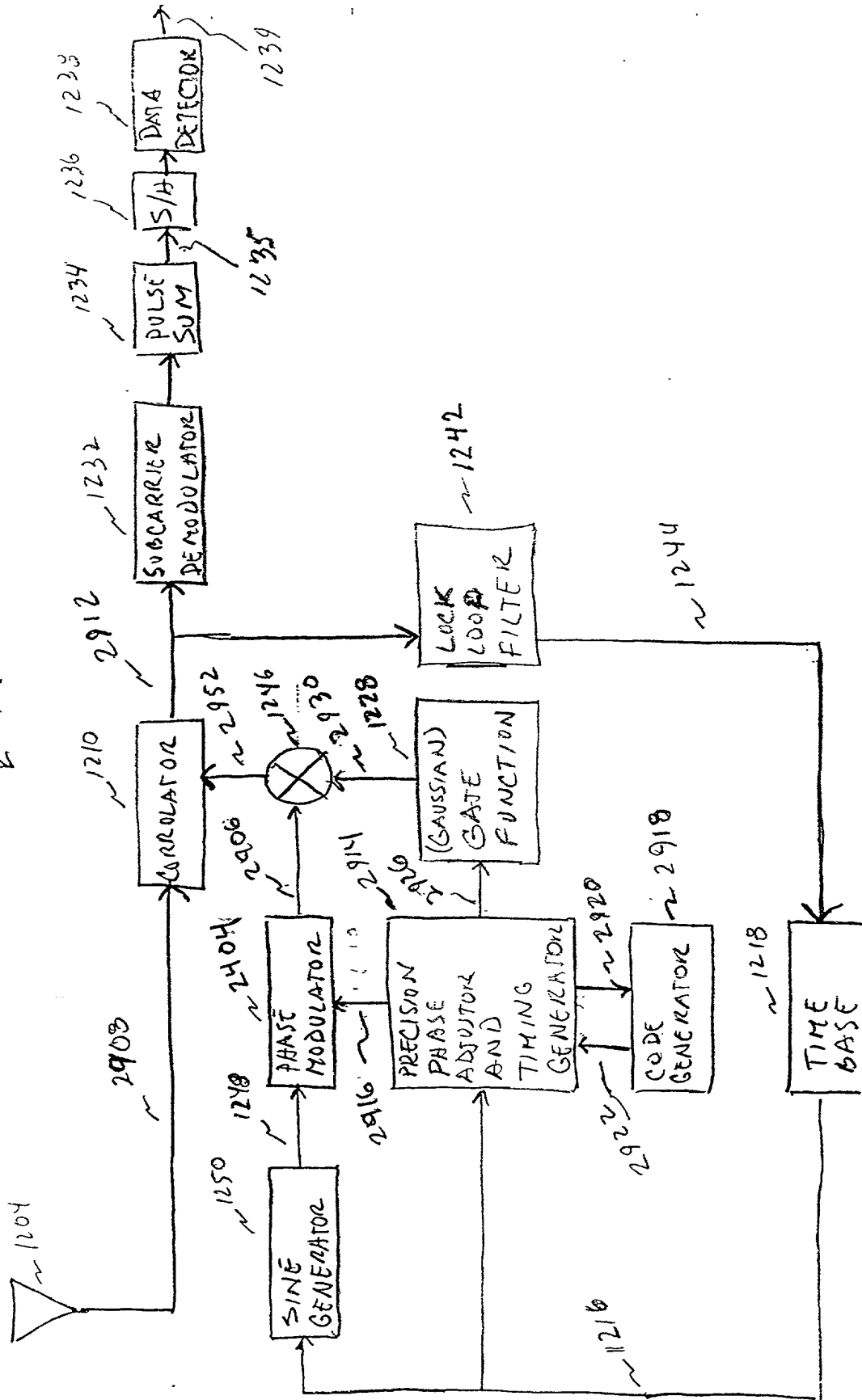


FIG. 29